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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/778,026

DATE: 08/14/2002
TIME: 10:04:21

Input Set : A:\402c1.app
Output Set: N:\CRF3\08142002\I778026.raw

SEQUENCE LISTING

(1) GENERAL INFORMATION:

C--> (i) **APPLICANT: Blaschuk, Orest W.**
Gour, Barbara J.

(ii) TITLE OF INVENTION: COMPOUNDS AND METHODS FOR REGULATING CELL ADHESION

(iii) NUMBER OF SEQUENCES: 29

(iv) CORRESPONDENCE ADDRESS:
(A) ADDRESSEE: SEED and BERRY LLP
(B) STREET: 6300 Columbia Center, 701 Fifth Avenue
(C) CITY: Seattle
(D) STATE: Washington
(E) COUNTRY: USA
(F) ZIP: 98104

(v) COMPUTER READABLE FORM:
(A) MEDIUM TYPE: Floppy disk
(B) COMPUTER: IBM PC compatible
(C) OPERATING SYSTEM: PC-DOS/MS-DOS
(D) SOFTWARE: PatentIn Release #1.0, Version #1.30

(vi) CURRENT APPLICATION DATA:
C--> **(A) APPLICATION NUMBER: US/09/778,026**
C--> **(B) FILING DATE: 05-Feb-2001**
(C) CLASSIFICATION:

(viii) ATTORNEY/AGENT INFORMATION:
(A) NAME: Maki, David J.
(B) REGISTRATION NUMBER: 32,391
(C) REFERENCE/DOCKET NUMBER: 100086.402

(ix) TELECOMMUNICATION INFORMATION:
(A) TELEPHONE: (206) 622-4900
(B) TELEFAX: (206) 682-6031

(2) INFORMATION FOR SEQ ID NO: 1:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 5 amino acids
(B) TYPE: amino acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

W--> **Asp Xaa Asn Asp Asn**
1 5

(2) INFORMATION FOR SEQ ID NO: 2:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 4 amino acids
(B) TYPE: amino acid

RAW SEQUENCE LISTING DATE: 08/14/2002
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(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
Leu Asp Arg Glu
1
(2) INFORMATION FOR SEQ ID NO: 3:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 108 amino acids
(B) TYPE: amino acid
(C) STRANDEDNESS:
(D) TOPOLOGY: linear
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
Asp Trp Val Ile Pro Pro Ile Asn Leu Pro Glu Asn Ser Arg Gly Pro
1 5 10 15
Phe Pro Gln Glu Leu Val Arg Ile Arg Ser Asp Arg Asp Lys Asn Leu
20 25 30
Ser Leu Arg Tyr Ser Val Thr Gly Pro Gly Ala Asp Gln Pro Pro Thr
35 40 45
Gly Ile Phe Ile Leu Asn Pro Ile Ser Gly Gln Leu Ser Val Thr Lys
50 55 60
Pro Leu Asp Arg Glu Gln Ile Ala Arg Phe His Leu Arg Ala His Ala
65 70 75 80
Val Asp Ile Asn Gly Asn Gln Val Glu Asn Pro Ile Asp Ile Val Ile
85 90 95
Asn Val Ile Asp Met Asn Asp Asn Arg Pro Glu Phe
100 105
(2) INFORMATION FOR SEQ ID NO: 4:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 108 amino acids
(B) TYPE: amino acid
(C) STRANDEDNESS:
(D) TOPOLOGY: linear
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
Asp Trp Val Ile Pro Pro Ile Asn Leu Pro Glu Asn Ser Arg Gly Pro
1 5 10 15
Phe Pro Gln Glu Leu Val Arg Ile Arg Ser Asp Arg Asp Lys Asn Leu
20 25 30
Ser Leu Arg Tyr Ser Val Thr Gly Pro Gly Ala Asp Gln Pro Pro Thr
35 40 45
Gly Ile Phe Ile Ile Asn Pro Ile Ser Gly Gln Leu Ser Val Thr Lys
50 55 60
Pro Leu Asp Arg Glu Leu Ile Ala Arg Phe His Leu Arg Ala His Ala
65 70 75 80
Val Asp Ile Asn Gly Asn Gln Val Glu Asn Pro Ile Asp Ile Val Ile
85 90 95
Asn Val Ile Asp Met Asn Asp Asn Arg Pro Glu Phe
100 105
(2) INFORMATION FOR SEQ ID NO: 5:
(i) SEQUENCE CHARACTERISTICS:

RAW SEQUENCE LISTING DATE: 08/14/2002
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(A) LENGTH: 108 amino acids
(B) TYPE: amino acid
(C) STRANDEDNESS:
(D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:

```
Asp Trp Val Ile Pro Pro Ile Asn Leu Pro Glu Asn Ser Arg Gly Pro
1               5                  10                  15
Phe Pro Gln Glu Leu Val Arg Ile Arg Ser Asp Arg Asp Lys Asn Leu
            20                  25                  30
Ser Leu Arg Tyr Ser Val Thr Gly Pro Gly Ala Asp Gln Pro Pro Thr
        35                  40                  45
Gly Ile Phe Ile Ile Asn Pro Ile Ser Gly Gln Leu Ser Val Thr Lys
    50                  55                  60
Pro Leu Asp Arg Glu Leu Ile Ala Arg Phe His Leu Arg Ala His Ala
65                  70                  75                  80
Val Asp Ile Asn Gly Asn Gln Val Glu Asn Pro Ile Asp Ile Val Ile
                85                  90                  95
Asn Val Ile Asp Met Asn Asp Asn Arg Pro Glu Phe
            100                 105
```

(2) INFORMATION FOR SEQ ID NO: 6:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 108 amino acids
(B) TYPE: amino acid
(C) STRANDEDNESS:
(D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:

```
Asp Trp Val Val Ala Pro Ile Ser Val Pro Glu Asn Gly Lys Gly Pro
1               5                  10                  15
Phe Pro Gln Arg Leu Asn Gln Leu Lys Ser Asn Lys Asp Arg Asp Thr
            20                  25                  30
Lys Ile Phe Tyr Ser Ile Thr Gly Pro Gly Ala Asp Ser Pro Pro Glu
        35                  40                  45
Gly Val Phe Ala Val Glu Lys Glu Thr Gly Trp Leu Leu Leu Asn Lys
    50                  55                  60
Pro Leu Asp Arg Glu Glu Ile Ala Lys Tyr Glu Leu Phe Gly His Ala
65                  70                  75                  80
Val Ser Glu Asn Gly Ala Ser Val Glu Asp Pro Met Asn Ile Ser Ile
                85                  90                  95
Ile Val Thr Asp Gln Asn Asp His Lys Pro Lys Phe
            100                 105
```

(2) INFORMATION FOR SEQ ID NO: 7:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 108 amino acids
(B) TYPE: amino acid
(C) STRANDEDNESS:
(D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:

```
Glu Trp Val Met Pro Pro Ile Phe Val Pro Glu Asn Gly Lys Gly Pro
1               5                  10                  15
```

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```
234      Phe Pro Gln Arg Leu Asn Gln Leu Lys Ser Asn Lys Asp Arg Gly Thr
235                  20                  25                  30
237      Lys Ile Phe Tyr Ser Ile Thr Gly Pro Gly Ala Asp Ser Pro Pro Glu
238              35                  40                  45
240      Gly Val Phe Thr Ile Glu Lys Glu Ser Gly Trp Leu Leu Leu His Met
241          50                  55                  60
243      Pro Leu Asp Arg Glu Lys Ile Val Lys Tyr Glu Leu Tyr Gly His Ala
244      65                  70                  75                  80
246      Val Ser Glu Asn Gly Ala Ser Val Glu Glu Pro Met Asn Ile Ser Ile
247                      85                  90                  95
249      Ile Val Thr Asp Gln Asn Asp Asn Lys Pro Lys Phe
250                  100                 105
252 (2) INFORMATION FOR SEQ ID NO: 8:
254      (i) SEQUENCE CHARACTERISTICS:
255           (A) LENGTH: 108 amino acids
256           (B) TYPE: amino acid
257           (C) STRANDEDNESS:
258           (D) TOPOLOGY: linear
264     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
266      Asp Trp Val Ile Pro Pro Ile Ser Cys Pro Glu Asn Glu Lys Gly Pro
267      1               5                   10                  15
269      Phe Pro Lys Asn Leu Val Gln Ile Lys Ser Asn Lys Asp Lys Glu Gly
270                  20                  25                  30
272      Lys Val Phe Tyr Ser Ile Thr Gly Gln Gly Ala Asp Thr Pro Pro Val
273              35                  40                  45
275      Gly Val Phe Ile Ile Glu Arg Glu Thr Gly Trp Leu Lys Val Thr Glu
276          50                  55                  60
278      Pro Leu Asp Arg Glu Arg Ile Ala Thr Tyr Thr Leu Phe Ser His Ala
279      65                  70                  75                  80
281      Val Ser Ser Asn Gly Asn Ala Val Glu Asp Pro Met Glu Ile Leu Ile
282                      85                  90                  95
284      Thr Val Thr Asp Gln Asn Asp Asn Lys Pro Glu Phe
285                  100                 105
287 (2) INFORMATION FOR SEQ ID NO: 9:
289      (i) SEQUENCE CHARACTERISTICS:
290           (A) LENGTH: 108 amino acids
291           (B) TYPE: amino acid
292           (C) STRANDEDNESS:
293           (D) TOPOLOGY: linear
299     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
301      Asp Trp Val Ile Pro Pro Ile Ser Cys Pro Glu Asn Glu Lys Gly Glu
302      1               5                   10                  15
304      Phe Pro Lys Asn Leu Val Gln Ile Lys Ser Asn Arg Asp Lys Glu Thr
305                  20                  25                  30
307      Lys Val Phe Tyr Ser Ile Thr Gly Gln Gly Ala Asp Lys Pro Pro Val
308              35                  40                  45
310      Gly Val Phe Ile Ile Glu Arg Glu Thr Gly Trp Leu Lys Val Thr Gln
311          50                  55                  60
313      Pro Leu Asp Arg Glu Ala Ile Ala Lys Tyr Ile Leu Tyr Ser His Ala
```

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Input Set : A:\402c1.app
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```
314      65                  70                  75                  80
316      Val Ser Ser Asn Gly Glu Ala Val Glu Asp Pro Met Glu Ile Val Ile
317                      85                  90                  95
319      Thr Val Thr Asp Gln Asn Asp Asn Arg Pro Glu Phe
320                  100                 105
323 (2) INFORMATION FOR SEQ ID NO: 10:
325      (i) SEQUENCE CHARACTERISTICS:
326           (A) LENGTH: 6 amino acids
327           (B) TYPE: amino acid
328           (C) STRANDEDNESS:
329           (D) TOPOLOGY: linear
335     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:
337      His Ala Val His Ala Val
338      1               5
340 (2) INFORMATION FOR SEQ ID NO: 11:
342      (i) SEQUENCE CHARACTERISTICS:
343           (A) LENGTH: 13 amino acids
344           (B) TYPE: amino acid
345           (C) STRANDEDNESS:
346           (D) TOPOLOGY: linear
352     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:
354      Ser His Ala Val Ser His Ala Val Ser His Ala Val Ser
355      1               5                   10
357 (2) INFORMATION FOR SEQ ID NO: 12:
359      (i) SEQUENCE CHARACTERISTICS:
360           (A) LENGTH: 5 amino acids
361           (B) TYPE: amino acid
362           (C) STRANDEDNESS:
363           (D) TOPOLOGY: linear
369     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:
371      Tyr Ile Gly Ser Arg
372      1               5
374 (2) INFORMATION FOR SEQ ID NO: 13:
376      (i) SEQUENCE CHARACTERISTICS:
377           (A) LENGTH: 10 amino acids
378           (B) TYPE: amino acid
379           (C) STRANDEDNESS:
380           (D) TOPOLOGY: linear
386     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13:
388      Lys Tyr Ser Phe Asn Tyr Asp Gly Ser Glu
389      1               5                   10
391 (2) INFORMATION FOR SEQ ID NO: 14:
393      (i) SEQUENCE CHARACTERISTICS:
394           (A) LENGTH: 17 amino acids
395           (B) TYPE: amino acid
396           (C) STRANDEDNESS:
397           (D) TOPOLOGY: linear
403     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14:
405      Ile Trp Lys His Lys Gly Arg Asp Val Ile Leu Lys Lys Asp Val Arg
```

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 08/14/2002
PATENT APPLICATION: **US/09/778,026** TIME: 10:04:22

Input Set : **A:\402c1.app**
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Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos.2

VERIFICATION SUMMARY DATE: 08/14/2002
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Input Set : **A:\402cl.app**
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L:6 M:220 C: Keyword misspelled or invalid format, [(i) APPLICANT:]
L:29 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:30 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]
L:57 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0